MODEL
THP1200SW

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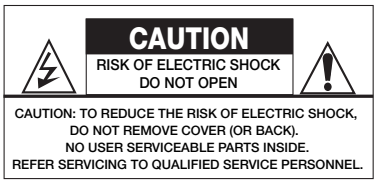
CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

WARNING:
To reduce the risk of fire or shock, do not expose this appliance to rain or moisture.

CAUTION:
The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids such as vases, shall be placed on the apparatus.

***Note: This product is for indoor use only.**

The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instruction in the literature accompanying the product.

IMPORTANT SAFETY INSTRUCTIONS

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings. Install in accordance with the manufacturer’s instructions.
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blades or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13) Unplug this apparatus during lightning storms or when unused for long periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

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Introduction

Congratulations and thank you for purchasing ELAN TheaterPoint speakers. The TheaterPoint speaker line is designed specifically to match the needs of dedicated Home Theater and critical listening areas within the home. Using state-of-the-art materials like woven Kevlar fiber cones, neodymium magnets, and aluminum phase plugs, each speaker seamlessly reproduces movie soundtracks and music with the clarity and precision demanded in today's multi-channel environments. Advanced features such as three-way EQ switches, bass limiting circuits, custom Q crossovers, and pivoting tweeters allow flexibility and customization for virtually any circumstance where accurate audio reproduction is paramount.

TheaterPoint speakers are designed as a family. Each speaker complements the others. All use similar components to create a coherent audio experience no matter what the content. These speakers are also designed to provide custom solutions for virtually any multi-room environment. In-wall, in-ceiling, on-wall, and free-standing speakers combine to create the exact setup each home requires. No matter which combination is appropriate, TheaterPoint speakers provide sonic accuracy and reproduce all audio sources to ELAN's exacting standards.

Specifications

System Type ..... 12" Powered Subwoofer

Woofer

Cone ..... 12" 3 Layer Honeycomb Composite (Kevlar Composite/Aluminium Honeycomb/Kevlar Composite)

Magnet ..... Double Magnet Assembly/Vented Spider & Pole

Surround ..... Half-Roll Butyl Rubber

Voice Coil ..... 2.5" Fiberglass

Basket ..... Cast Aluminum

Crossover .....Continuously Variable from 50-150Hz, 24dB/Octave Slope

Power ..... 300 Watts

Frequency Response ..... 22Hz to 150Hz

Power Requirements ..... 115V~/60Hz - 230V~/50Hz

Dimensions

W/H/D ..... 15 3/4" W X 15 3/4" D X 17" H (400mm x 400mm x 432mm)

Weight ..... 56.8 lbs. (25.76kg)

Shipping Weight .....64 lbs. (29.03kg)

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Features

- **3 Layer Honeycomb Composite Driver**
- **300 Watt Class D Amplifier**
- **Cast Aluminum Basket**
- **24dB/Octave Continuously Variable Low-Pass Crossover**
- **Low-Level Line Outputs Hi-Pass Filtered at 80Hz,12dB/Octave**
- **Butyl Rubber Surround**
- **180 Degree Variable Phase Control**
- **Tuned, Complimentary 30Hz High-Pass Filter**
- **Dedicated LFE (Low Frequency Effect) Input**
- **Line-Level & Speaker Level Inputs/Outputs**
- **Gloss Black Cabinet**

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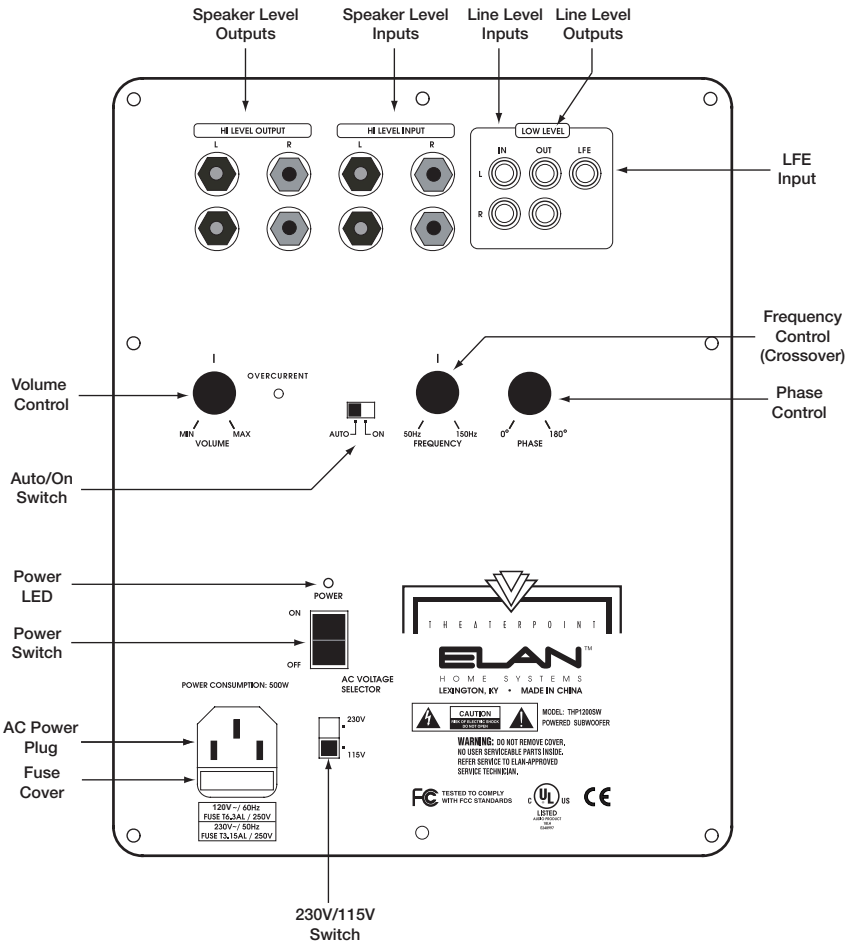
THP1200SW Rear Panel



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Installation

After carefully considering the intended application (defining a Listening Area, Home Theater/Stereo, etc.), specific mounting locations can be decided upon. Once the specific locations are determined, installation can commence.

Wiring

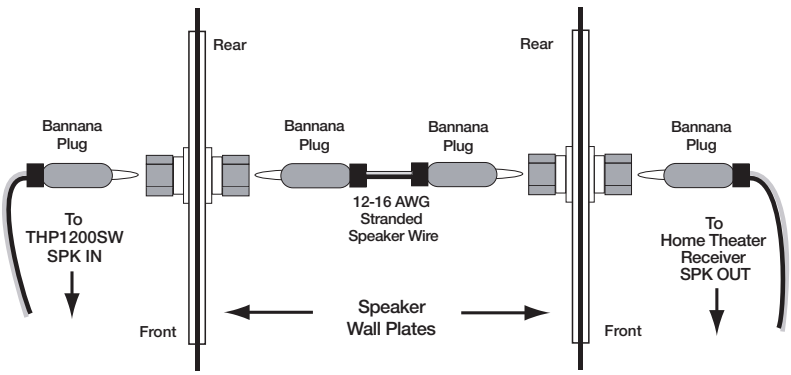
Before actually running any wire or cable, take the time to look around each room or area of the house and plan your wire paths for maximum efficiency. Look for routes through uncluttered parts of the stud wall or ceiling that allow you to group all low-voltage wires wherever possible. It is a good practice to label both ends of all cables and to protect wires by tying a plastic bag over the ends.

Note: Run *low voltage wiring in accordance with the National Electrical Code as well as any other applicable provisions of the local building codes in your area. In some cases (such as commercial installations), running the wire in conduit may be required. If you have any questions concerning the wiring of speakers in your home, contact your local building and inspection department.*

Decide what type of connections will be utilized for the subwoofer(s) prior to prewire. The THP1200SW can be configured to run line level (RCA cables), or speaker level (speaker wire) but NOT BOTH.

Speaker Level

Speaker level pre-wiring consists of running speaker wire through walls and using speaker wall plates at termination points. Use 12-16AWG stranded speaker wire and be sure to observe proper polarity.



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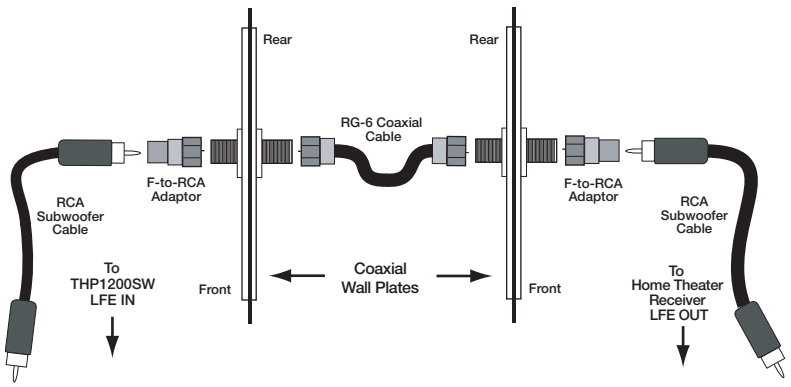
Wiring (cont'd)

Line Level

When the sub is in close proximity to the Home Theater Receiver, it is often easiest to use a pre-made subwoofer cable plugged directly between the receiver and the subwoofer. If the sub is to be installed in an area that is distant from the receiver and/or there are no provisions to hide a cable run, use RG-6 coaxial cable to run through the walls. Use coaxial wall plates as termination points in the walls. Use F-to-RCA adapters at the wall plates and use short RCA cables to run from the wall plate to the subwoofer and receiver.



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Connections

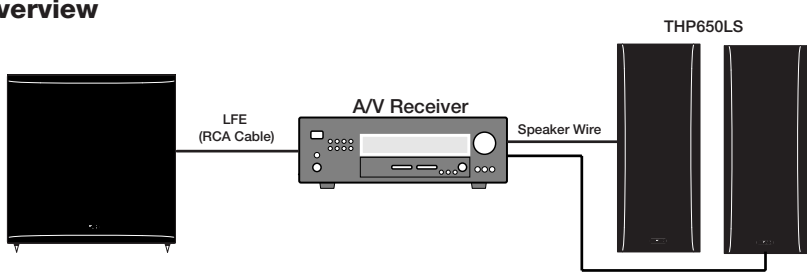
AC Power

The THP1200SW is an active, powered subwoofer, meaning that it must be plugged into a nearby AC outlet to power the built-in amplifier. Avoid extremely long extension cords and be sure the AC circuit being utilized can support the current draw of the subwoofer (~ 3 Amps). The power switch should be in the OFF position and the power cord should be unplugged before making any connections or moving the unit.

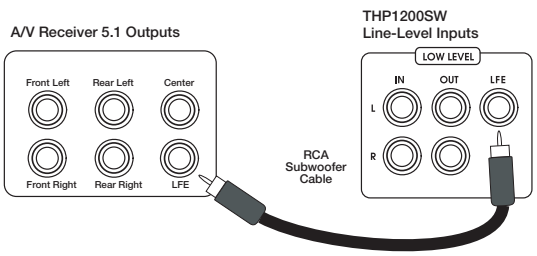
Line-Level Connections

The THP1200SW has line-level RCA inputs. In typical installations, the LFE (Low Frequency Effects) output of a Home Theater Receiver is connected to these inputs using an RCA subwoofer cable as shown below. Use RG-6 coaxial cable with F-to-RCA adapters to extend wires through walls.

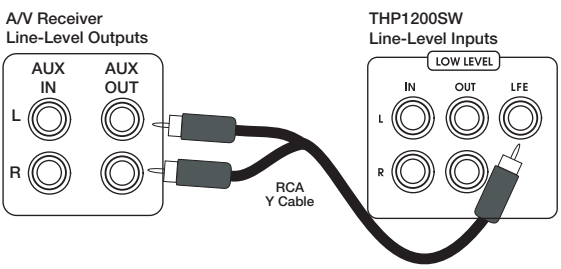
Overview



A/V Receiver w/ LFE Output



A/V Receiver w/Out LFE Output



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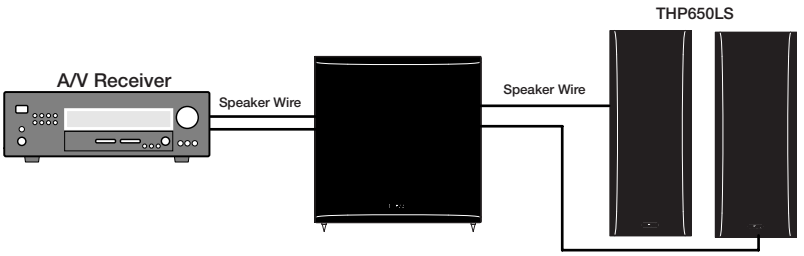
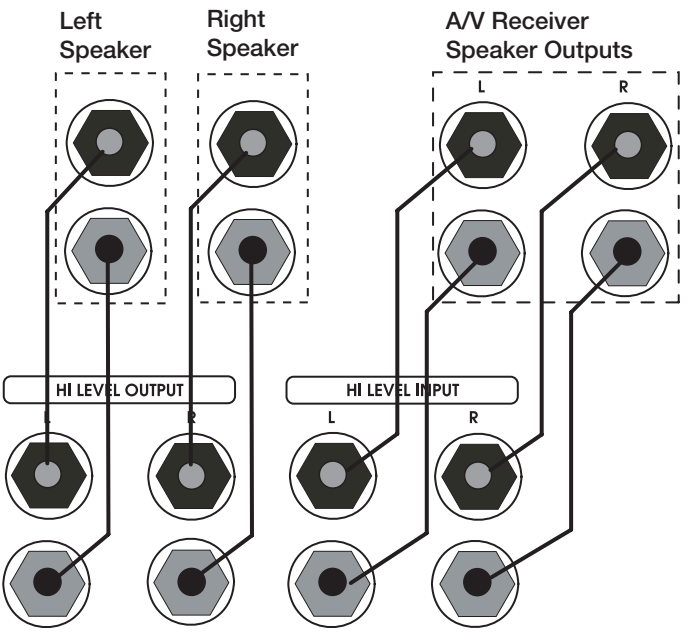
Speaker Level Connections

While it is preferable to use line-level connections when connecting a subwoofer, sometimes it is necessary to use the provided speaker level connections instead. Stereo applications where the receiver/ amp has no line-level output are frequently connected in this way.





THP1200SW Rear

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Controls/Adjustments

230V/115V

Select the correct voltage setting for your area.

POWER

Place the POWER switch to the ON position to turn the subwoofer on. Place it in the OFF position to turn it off.

AUTO/ON

In the ON position, the subwoofer remains powered up whenever the POWER switch is on. In the AUTO position, the subwoofer powers up when it receives a signal, then turns off after fifteen minutes of inactivity.

Setting VOLUME Level

Use the VOLUME control to adjust the volume level of the subwoofer relative to the other speakers in the system. Experiment with different levels upon initial setup to acheive full, rich bass response without "popping" or excess distortion. ELAN recommends starting the initial setup process with the VOLUME control set to the midddle position and adjusting to the desired level using source material with a prominent and repetitive bass line.

Setting FREQUENCY Control

The FREQUENCY control adjusts the upper frequency limit of sound that is emanated from the subwoofer. This control is adjustable from 50 to 150Hz. Correctly setting the Frequency level is paramount to a smooth transition between the main speakers and the subwoofer. Setting this control too low causes a gap to occur in the audio that makes the main speakers to seem disconnected from the bass, an audible separation of sound that does not seem natural. Setting the control too high causes bass frequencies to emanate too strongly because of overlapping frequencies between the main speakers and subwwoofer. This causes a "muddy" sound and reduces the overall clarity of the audio.

It is important to experiment with the FREQUENCY control upon initial setup to obtain the clearest, smoothest sound possible. After setting the FREQUENCY control, go back and adjust the VOLUME control again, in order to fine-tune the sound.

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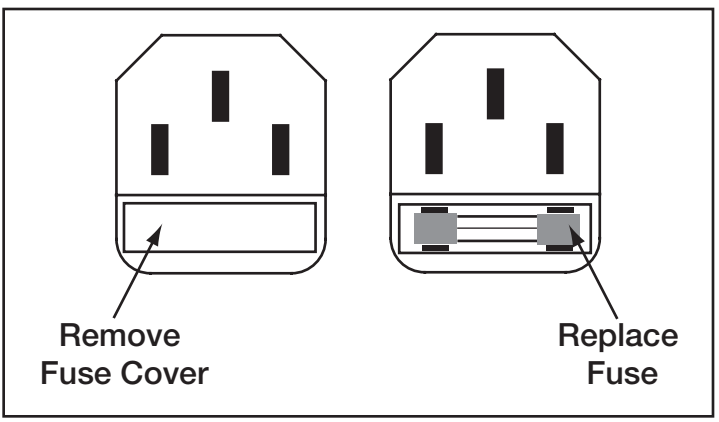
Setting PHASE +/-

The PHASE Control is used to reverse the polarity (+/-) of the subwoofer in comparison to the other speakers in the system. In certain situations, room acoustics can cancel bass waves coming from the subwoofer.

To adjust PHASE, sit in the listening position and listen to a recording with a prominent, steady bass line (Preferable the same track used for the other adjustments). Place the PHASE switch in each position and choose the one that provides the smoothest, clearest bass.

Replacing Fuses

If the subwoofer fails to power up (no POWER LED lit), it is possible that the main fuse has blown. To replace the fuse, remove the Fuse Cover (located just below the power plug), remove the fuse, and replace with a new one. For units utilizing 115V, replace with a T6.3AL/250V (115V) glass fuse. For units utilizing 230V, replace with a T3.15AL/250V glass fuse.



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Troubleshooting

SYMPTOM	CAUSE	SOLUTION
No Audio From Subwoofer - Plays OK from Other Speakers - Power LED OFF	Not Plugged In	Connect to AC Power
	Unit Turned OFF	Turn Power Switch to ON Position
	Subwoofer Fuse Blown	Replace Fuse (See p. 12)
	House Circuit Breaker Tripped	Reset Breaker Find Cause of Trip
No Audio From Subwoofer - Plays OK from Other Speakers - Power LED ON	VOLUME Set Too Low	Turn Up VOLUME Control
	FREQUENCY Control Set Too Low	Increase FREQUENCY Control Setting
	Incorrect Audio Connections	Verify Audio Connections (See p. 9-10)
Poor Audio Quality	VOLUME, FREQUENCY, and/or PHASE Controls Incorrectly Set	Adjust Controls Correctly (See p. 11)
	Incorrect A/V Receiver/ Amplifier Settings	Verify A/V Receiver/Amplifier Settings (See A/V Receiver Manual)
	Subwoofer Placed Incorrectly in Room	Correct Placement See **Subwoofer Positioning** p. 17

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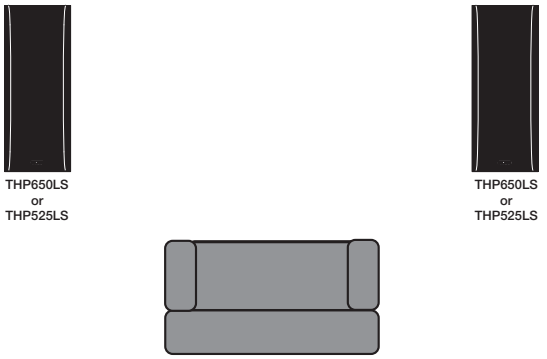
Applications

All TheaterPoint speakers have similar “voices” designed to work together to create a seamless, high-quality Home Theater or critical listening experience. ELAN strongly recommends installing TheaterPoint speakers in matched groups (Left, Center, Right, Rear, Sub) in order to preserve the acoustic integrity of the source material. The following section describes each TheaterPoint speaker in appropriate applications with other TheaterPoint speakers.

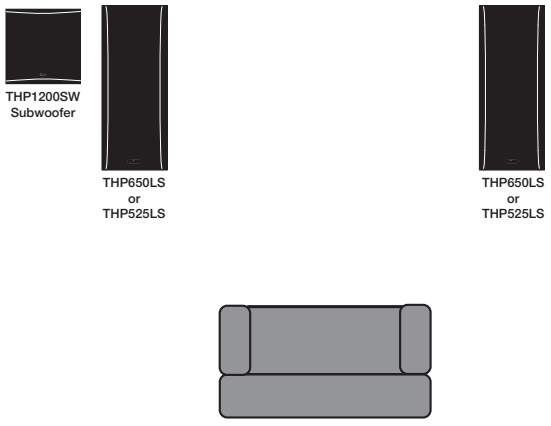
Stereo

Certain TheaterPoint speakers lend themselves very well to stereo critical listening applications. Please keep in mind that a defined stereo listening area must be present in order to acheive maximum benefit from stereo placement.

THP525LS/THP650LS



THP525LS/THP650LS/THP1200SW



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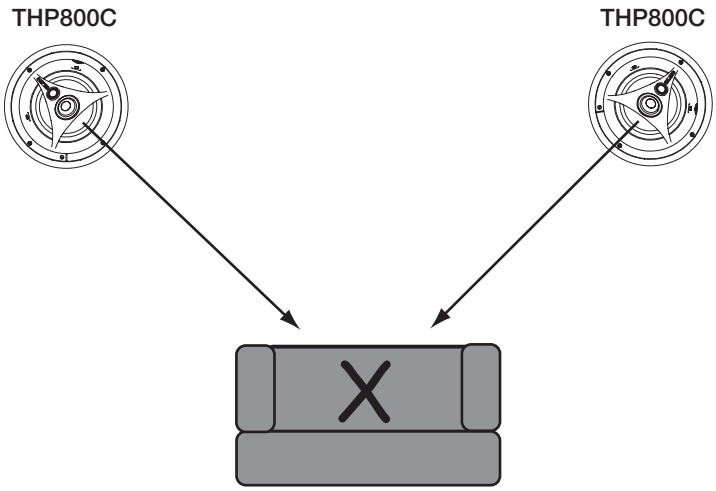
Stereo Applications (cont'd.)

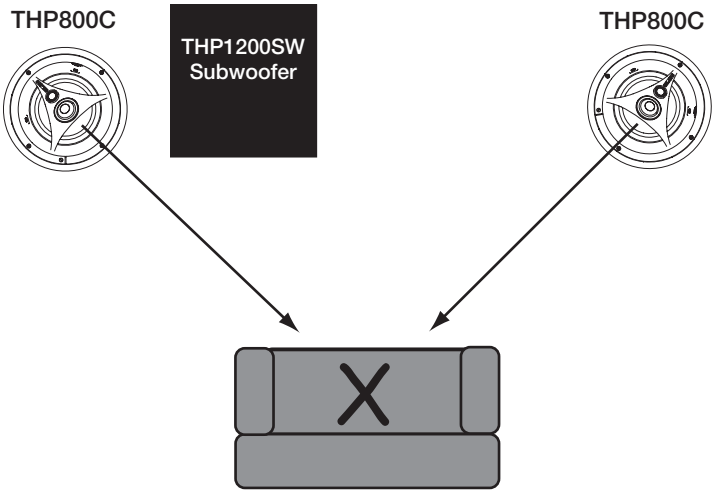
THP800C

Critcal listening areas require a well-defined listening position. Make sure to point the speakers toward the listening area as shown.



THP800C/THP1200SW

Add a THP1200SW subwoofer to increase bass response. This adds richness to the music and makes a huge improvement in sound quality.



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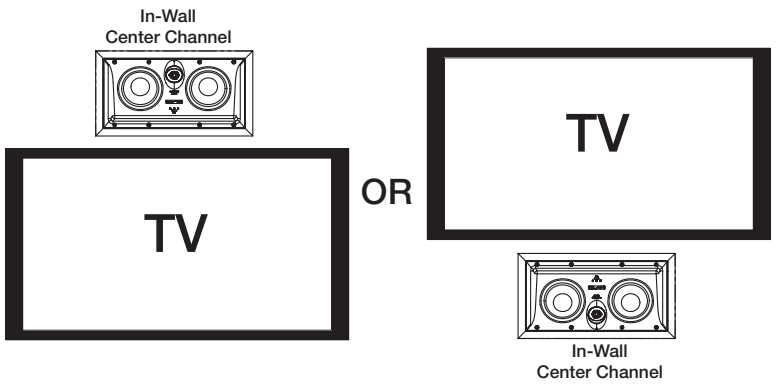
Home Theater

It is essential to use voice-matched speakers in any Home Theater application. Sound emanates from each speaker in turn, and all should sound the same. TheaterPoint speakers satisfy this requirement perfectly, and should be used in combinations shown in the following section.

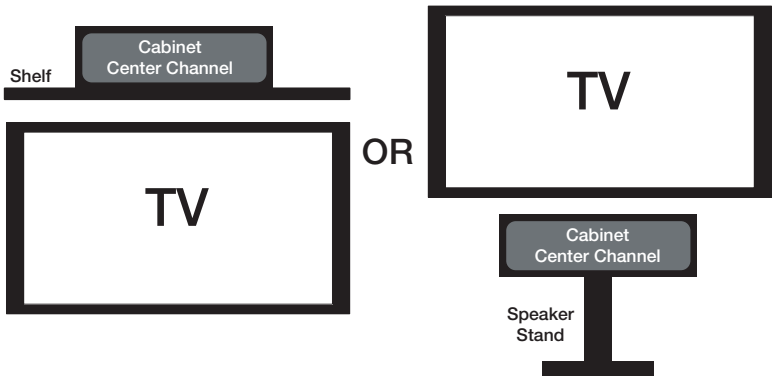
Center Channel Positioning

A center channel speaker should be placed as close as possible to the video display utilized in a Home Theater. In-wall center channel speakers should be mounted immediately above or below the screen as shown below. If using a cabinet speaker like ELAN's THP525LS or THP650LS as a center channel, position it on a stand immediately below the screen. A Center Channel speaker can also mount on a shelf above the screen - possibly in a cabinet or entertainment center.

In-Wall Center Channel



Cabinet Center Channel



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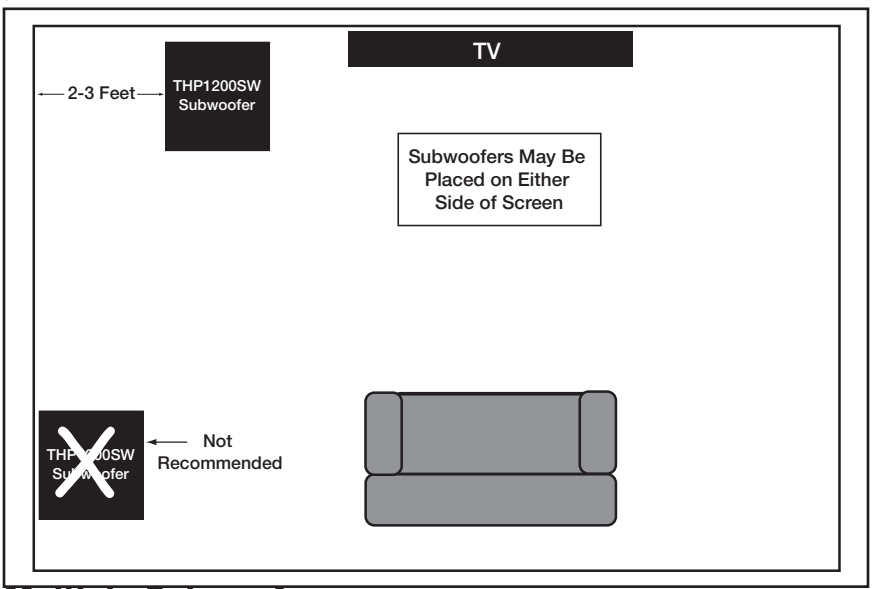
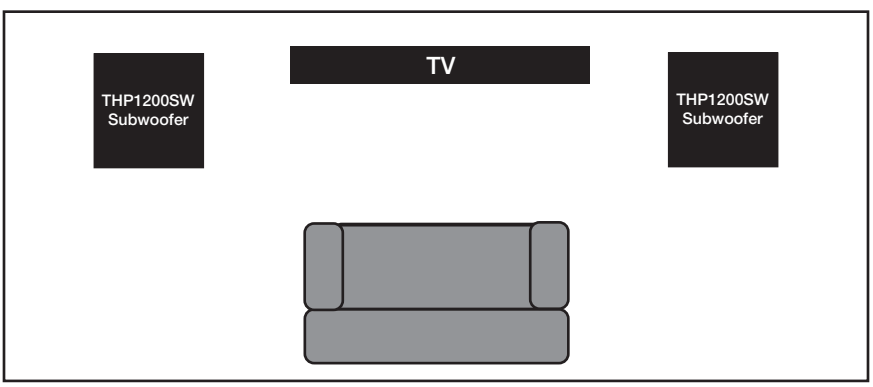
Subwoofer Positioning

Subwoofers are considered to be omnidirectional. They produce low bass frequencies that are not especially localized. The human ear does not rely on these frequencies to place sounds in space therefore, placement is not as important as with other types of speakers. Place subwoofers along the front wall of the room approximately 2-3 feet from the corners. Expect a 3-9dB bass boost if the subwoofer is placed directly in the corner of a room (called "corner loading"). It is usually not advisable to place subwoofers directly next to the seating position in a Home Theater.



Multiple Subwoofers

It is sometimes desirable to install multiple subwoofers for increased bass response in a Home Theater. Place the subwoofers equal distance from the screen in similar locations as shown below.



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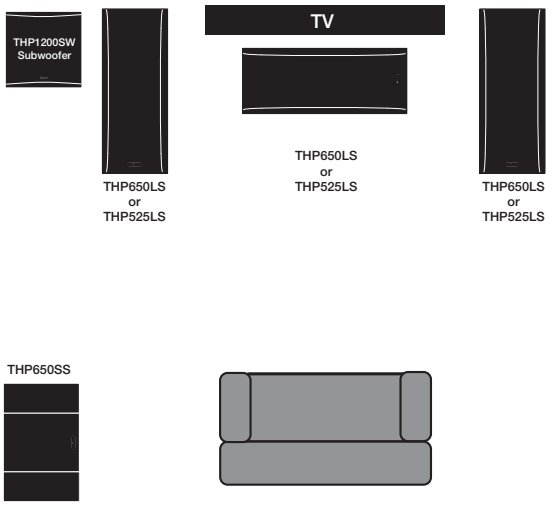
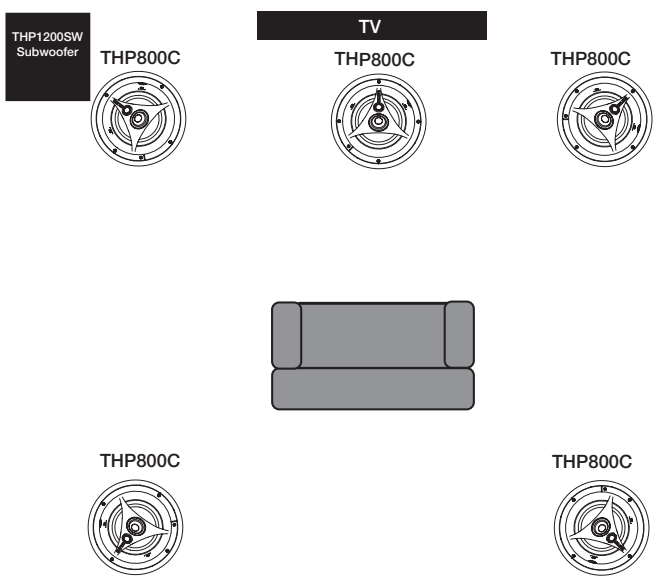
5.1 Surround Sound Applications

THP525LS/THP650LS - Free-Standing L/C/R
THP650SS - On-Wall Dipole Rear Side
THP1200SW - Subwoofer



THP800C - In-Ceiling L/C/R & Rear
THP1200SW - Subwoofer



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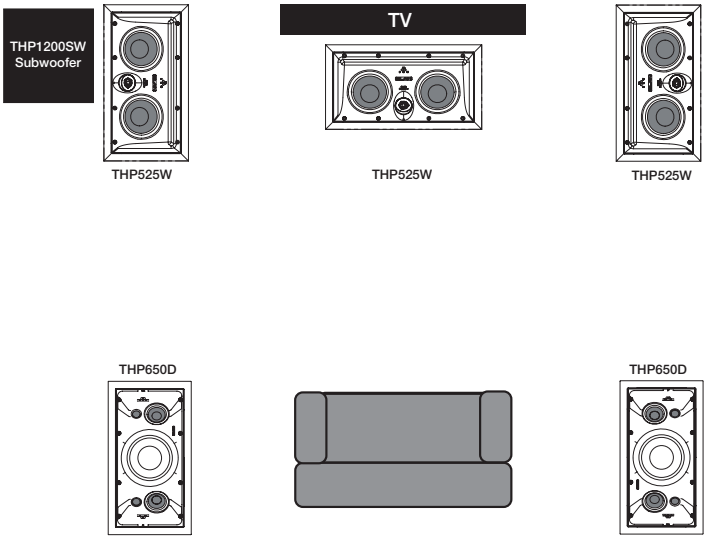
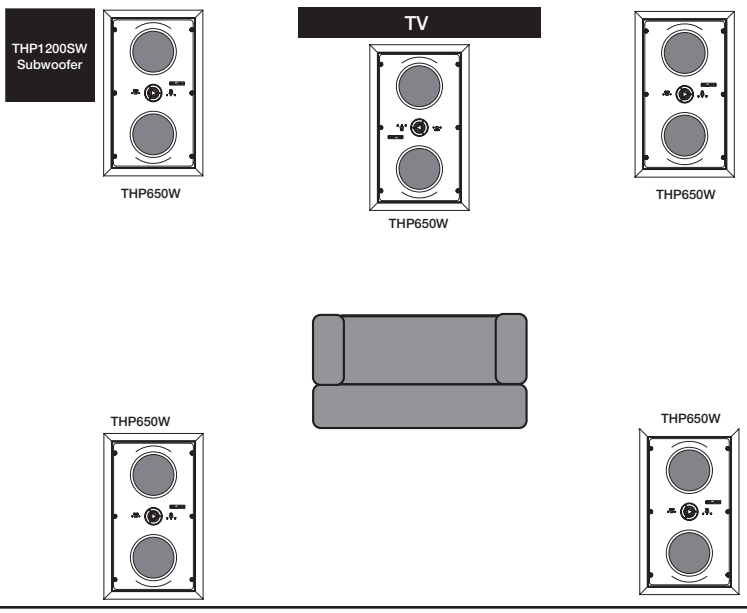
5.1 Applications (cont'd.)

THP525W - In-Wall L/C/R
THP650D - In-Wall Dipole Rear Side
THP1200SW - Subwoofer



THP650W - In-Wall L/C/R & Rear
THP1200SW - Subwoofer



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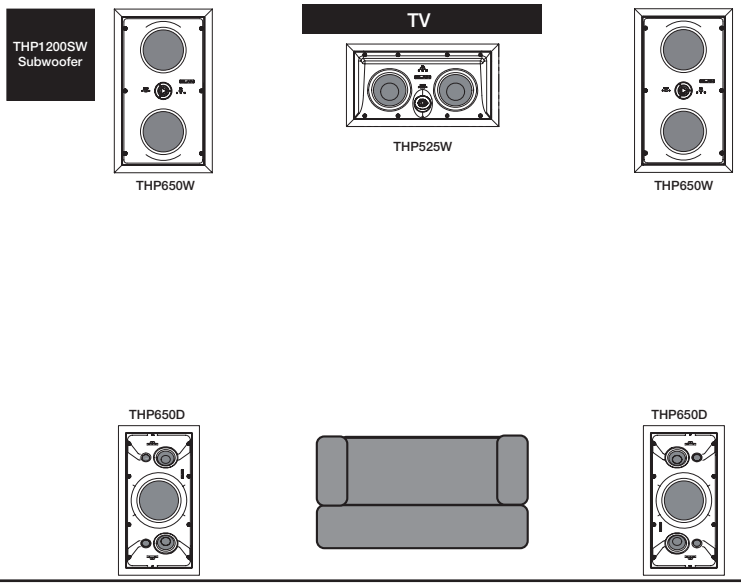
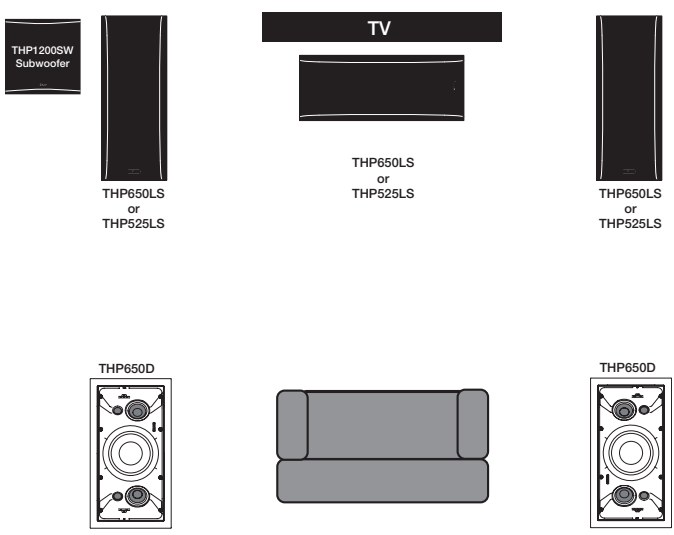
THP650W - In-Wall Left/Right
THP525W - In-Wall Center
THP650D - In-Wall Dipole Rear Side
THP1200SW - Subwoofer



THP525LS/THP650LS - Free-Standing L/C/R
THP650D - In-Wall Dipole Rear Side
THP1200SW - Subwoofer



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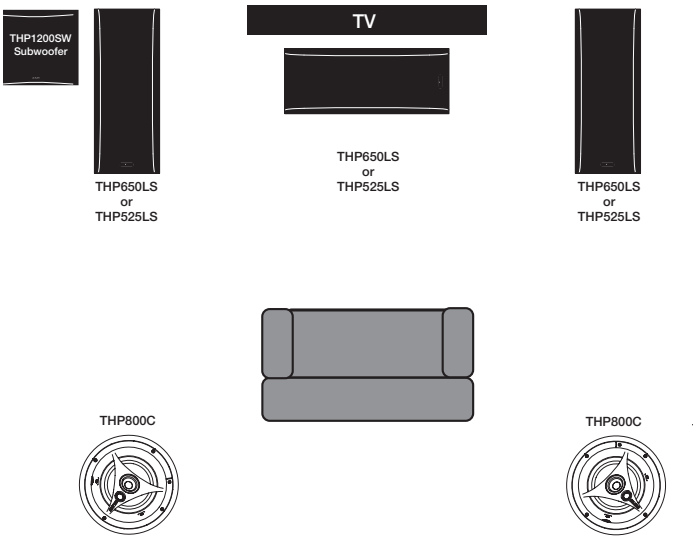
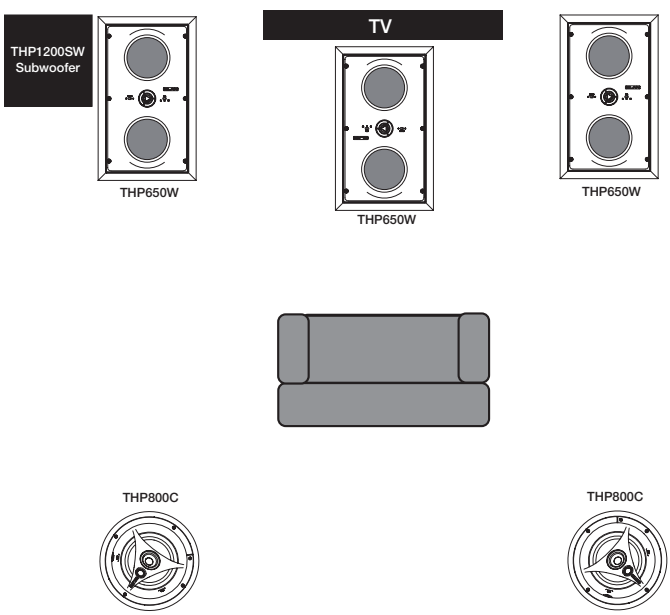
THP525LS/THP650LS - Free-Standing L/C/R
THP800C - In-Ceiling Rear
THP1200SW - Subwoofer



THP650W - In-Wall L/C/R
THP800C - In-Ceiling Rear
THP1200SW - Subwoofer



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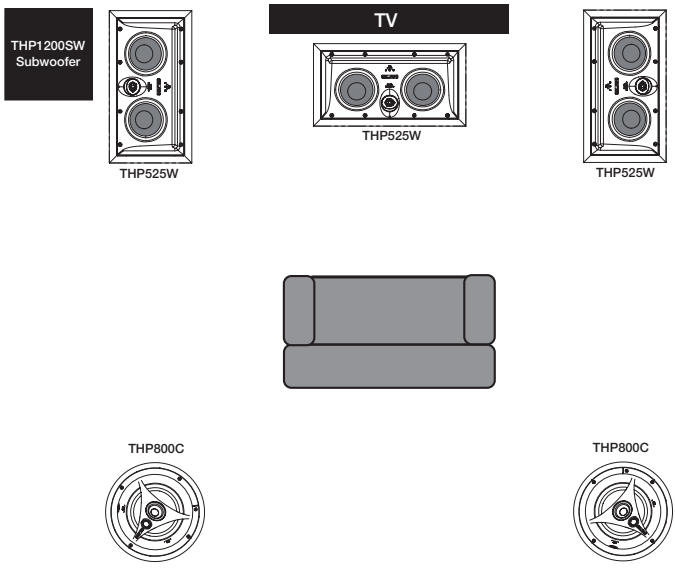
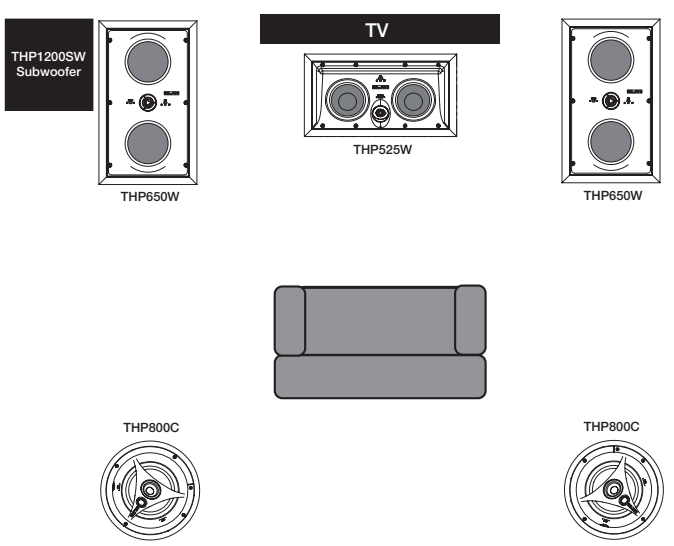
5.1 Applications (cont'd.)

THP525W - In-Wall L/C/R
THP800C - In-Ceiling Rear
THP1200SW - Subwoofer



THP525W - In-Wall Center
THP650W - In-Wall L/R
THP800C - In-Ceiling Rear
THP1200SW - Subwoofer



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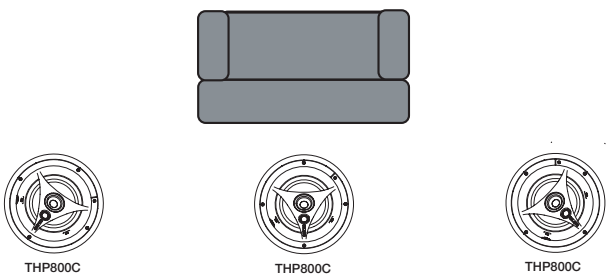
6.1/7.1 Surround Sound

6.1 and 7.1 surround sound systems utilize additional rear and/or rear side speakers to enhance the audio effects contained in a soundtrack. Any of the previous examples can easily become a 6.1 or 7.1 system by changing the configuration of the rear channels. The diagrams in this section show **rear** and **side rear** speakers only!

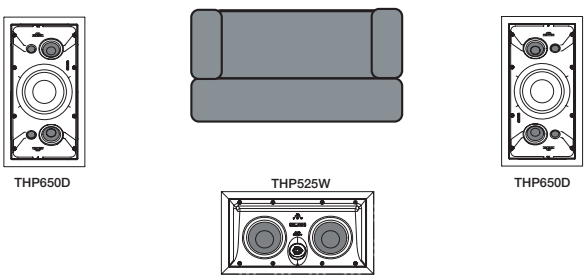
6.1 Systems

Typical 6.1 systems use two rear side speakers with a center rear speaker. Several logical combinations can be created using TheaterPoint speakers as shown in the following examples.

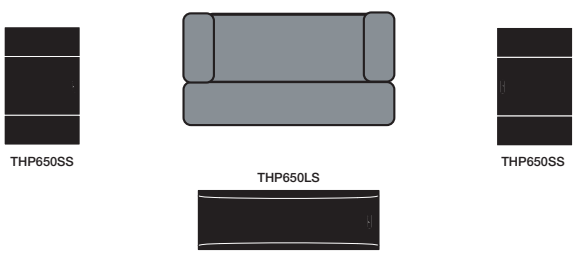
THP800C - In-Ceiling Rear



THP650D - In-Wall Rear Side
THP525W - In-Wall Rear Center



THP650SS - On-Wall Rear Side
THP525W - On-Wall Rear Center



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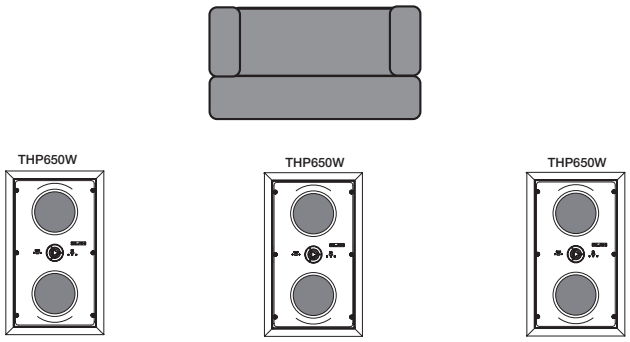
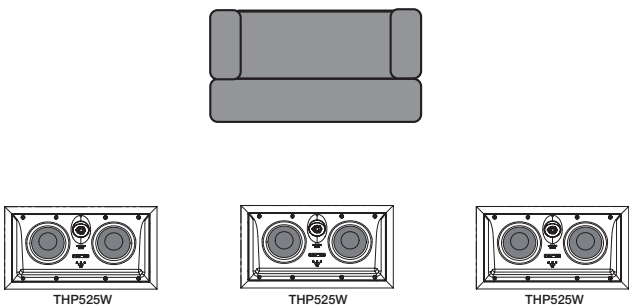
6.1 Applications (cont'd.)

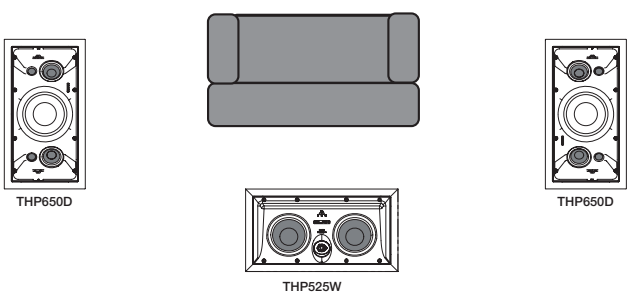
THP650W - In-Wall Rear



THP525W - In-Wall Rear



THP525W - In-Wall Rear Center
THP650D - In-Wall Rear Side



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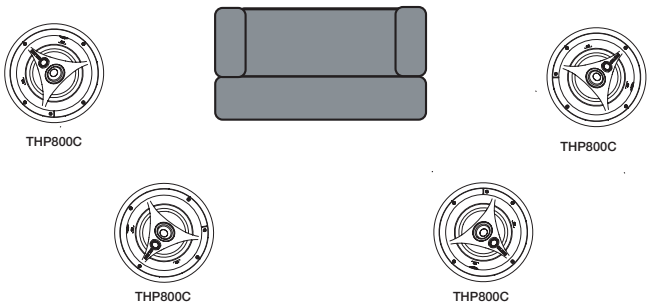
7.1 Systems

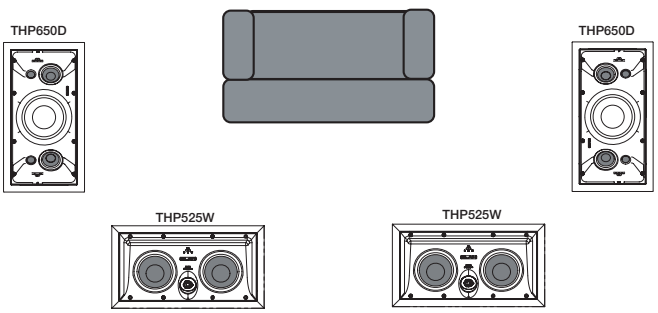
Use a total of four speakers for rear Surround effects when configuring 7.1 systems. Several logical combinations can be created using TheaterPoint speakers as shown in the following examples.

THP800C - In-Ceiling Rear and Rear Side



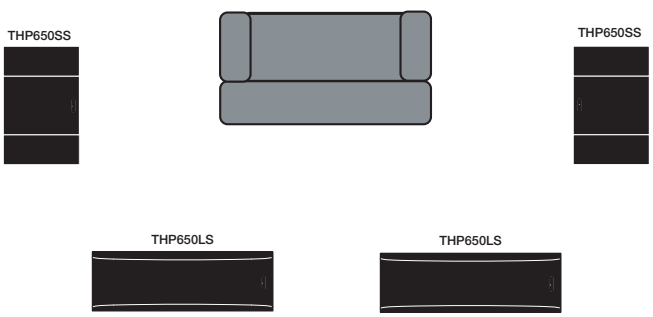
THP650D - In-Wall Rear Side Speakers

THP650W - In-Wall Rear Speakers



THP650SS - On-Wall Rear Side

THP650LS - On-Wall Rear



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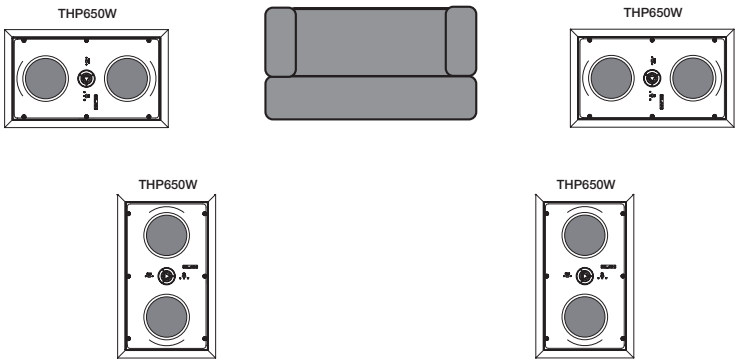
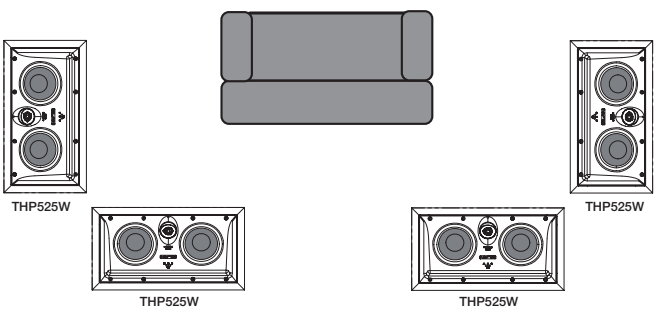
7.1 Applications (cont'd.)

THP650W - In-Wall Rear and Side

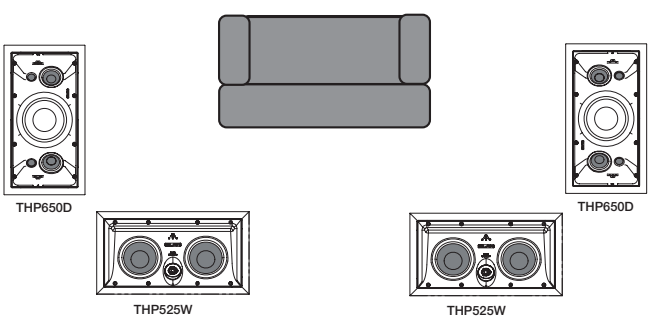


THP525W - In-Wall Rear and Rear Side



THP650D - In-Wall Rear Side

THP525W - In-Wall Rear



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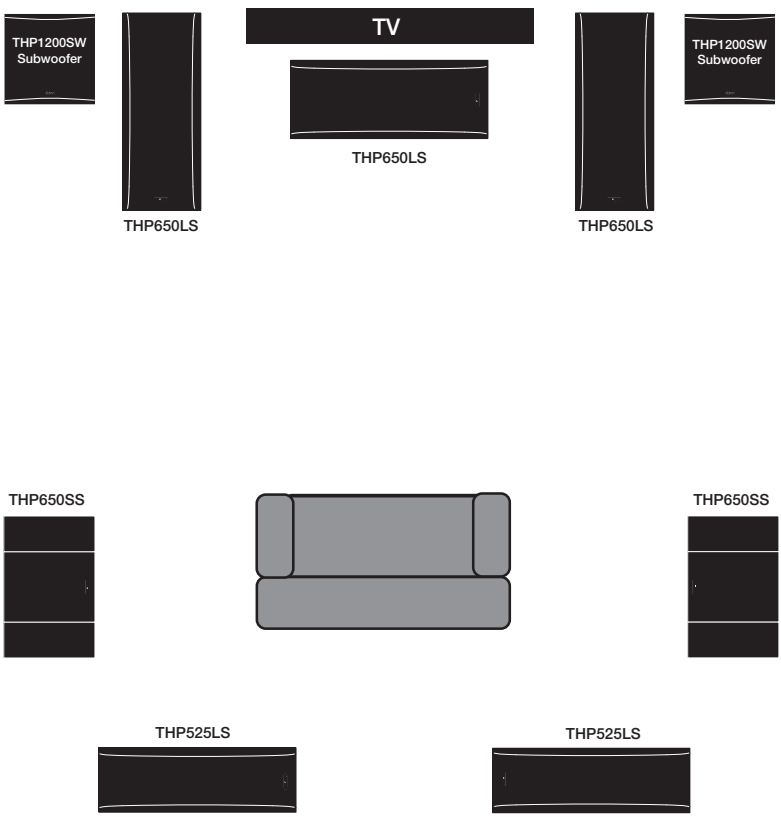
High Performance 7.1 Surround System

THP650LS - Free-Standing L/C/R
THP650SS - On-Wall Rear Side
THP525LS - On-Wall Rear
THP1200SW - Subwoofers



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Notes:

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Notes:

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Limited Warranty

ELAN HOME SYSTEMS L.L.C. ("ELAN") warrants the THP1200SW subwoofer to be free from defects in materials and workmanship for the period of two years (2 years) from date of purchase. If within the applicable warranty period above purchaser discovers that such item was not as warranted above and promptly notifies ELAN in writing, ELAN shall repair or replace the item at the company's option. This warranty shall not apply (a) to equipment not manufactured by ELAN, (b) to equipment which shall have been installed by other than an ELAN authorized installer, (c) to installed equipment which is not installed to ELAN's specifications, (d) to equipment which shall have been repaired or altered by others than ELAN, (e) to equipment which shall have been subjected to negligence, accident, or damage by circumstances beyond ELAN's control, including, but not limited to, lightning, flood, electrical surge, tornado, earthquake, or other catastrophic events beyond ELAN's control, or to improper operation, maintenance or storage, or to other than normal use of service. With respect to equipment sold by, but not manufactured by ELAN, the warranty obligations of ELAN shall in all respects conform to the warranty actually extended to ELAN by its supplier. The foregoing warranties do not cover reimbursement for labor, transportation, removal, installation or other expenses which may be incurred in connection with repair or replacement.

Except as may be expressly provided and authorized in writing by ELAN, ELAN shall not be subject to any other obligations or liabilities whatsoever with respect to equipment manufactured by ELAN or services rendered by ELAN.

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